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AGRICULTURE HANDBOOK NO. 116

1956-57

WORKERS IN SUBJECTS
PERTAINING TO AGRICULTURE
IN LAND-GRANT COLLEGES
AND EXPERIMENT STATIONS

To Filerary



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Agricultural Research Service
UNITED STATES DEPARTMENT OF AGRICULTURE
Washington, D. C. February 1957

KEY TO ABBREVIATIONS

Acct(s)	Account(s), Accountant, Account- ing	Elem Embryol	Elementary Embryology
Actg	Acting	Endocrinol	Endocrinologist, Endocrinology
Admin	Administration, Administrative	Engin	Engineer, Engineering
Adminr	Administrator	Enol	Enologist, Enology
Adv	Adviser(s)	Ent	Entomological, Entomologist,
	Agricultural, Agriculture, Agri-	15110	Entomology
Agr		Fauta	Equipment
	culturist	Equip	Executive
Agron	Agronomist, Agronomy	Exec	Express
Agt(s)	Agent(s)	Exp	
Anal	Analyses, Analysis, Analyst,	Expt	Experiment(s), Experimental,
	Analytical	7 1 (·)	Experimentalist
Anat	Anatomist, Anatomy	Ext(s)	Extension(s)
Anim	Animal(s)	Fam	Family
Anthrop	Anthropology	Fed	Federal
Apic	Apiculture, Apiculturist	Fert	Fertility, Fertilizer
Arch	Architect, Architectural, Archi-	Flor	Floricultural, Floriculture,
	tecture		Floriculturist
Assoc	Associate, Association(s)	For	Forest, Forester, Forestry
Asst	Assistant	\mathtt{Ft}	Fort
Aud	Auditor	Gard	Garden, Gardener, Gardening
Ave	Avenue	Gen	General
Bact	Bacteriologist, Bacteriology	Genet	Geneticist, Genetics
Biochem	Biochemical, Biochemist, Bio-	Geog	Geography
	chemistry	Geol	Geological, Geologist, Geology
Biol	Biological, Biologist, Biology	Govt	Government
Biomet	Biometric(s), Biometrician	Grad	Graduate
Biophys	Biophysics	HEW	United States Department of
Bldg(s)	Building(s)		Health, Education, and Welfare
Bot	Botanical, Botanist, Botany	Hist	History
Br	Branch	Histol	Histologist, Histology
Brdg	Breeding	Hort	Horticultural, Horticulture,
Bul.	Bulletin	1101 0	Horticulturist
Bur	Bureau	Husb	Husbandman, Husbandry
	Business	Hydrol	Hydrologist, Hydrology
Bus	Certificate, Certification	Hyg	Hygiene, Hygienist
Certif		Illus	Illustration, Illustrative, Il-
Chanc	Chancellor	1.1.105	lustrator
Chem	Chemical, Chemist, Chemistry	Impr	Improvement(s)
Chg	Charge	Indus	Industrial, Industries, Industry
Chmn	Chairman		Information
Citric	Citriculture, Citriculturist	Inform	
Civ	Civil	Inorg	Inorganic Inspection, Inspector(s)
Climatol	Climatologist, Climatology	Insp	Institute(s), Institution(s), In-
Clin	Clinic(s), Clinical, Clinician	Inst(s)	
Clk	Clerk	T -1	stitutional
Col	College	Instr	Instruction, Instructor
Collab	Collaborating, Collaborator	Int	Interior
Com	Commercial	Internatl	International
Commun	Communication(s)	Introd	Introduction
Comn	Commission	Invest	Investigation(s), Investiga-
Compar	Comparative		tional, Investigator
Comr	Commissioner	Irrig	Irrigation, Irrigationist
Conserv	Conservation, Conservationist	June	Junction
Consult	Consultant, Consulting	Lab(s)	Laboratories, Laboratory
Consum	Consumer	Landsc	Landscape
Coop	Cooperation, Cooperative(s),	Lect	Lecturer
	Cooperator	$\mathtt{Libr}(\mathtt{s})$	Librarian, Libraries, Library
Cult	Culture, Culturist	Limnol	Limnology
Cytogenet	Cytogeneticist, Cytogenetics	Mach	Machine(s), Machinery
Cytol	Cytologist, Cytology	Mater	Materials
Demon(s)	Demonstration(s), Demonstrator	Math	Mathematical, Mathematician,
Dep	Deputy		Mathematics
Dept(s)	Department(s)	Mech	Mechanical, Mechanics, Mechaniza-
Devlpmt	Development		tion
Dir	Director(s)	Med	Medical, Medicine
Dis	Disease(s)	Met	Meteorologist, Meteorology
Dist	District	\mathbf{Mfg}	Manufacturing
Distrib	Distribution, Distributive,	Mfr(s)	Manufacture(s), Manufacturer
	Distributor	Mgr	Manager
Div	Division	Mgt	Management
Drain	Drainage	Microbiol	Microbiologist, Microbiology
Ecol	Ecological, Ecologist, Ecology	Micros	Microscopist
Econ	Economic(s), Economist, Economy	Mil.	Military
Ed	Editor	Mkt(s)	Market(s)
Educ	Education, Educator	Mktg	Marketing
Elec	Electric, Electrical, Electrifi-	Morphol	Morphologist, Morphology
	cation	Mt	Mountain

KEY TO ABBREVIATIONS

Mycol	Mycologist, Mycology	SCS	Soil Conservation Service
Natl	National	Secon	Secondary
Nematol	Nematologist, Nematology	Sect(s)	Section(s)
Nutr	Nutrition, Nutritionist	Secy	Secretary
Occup	Occupational	Serol	Serologist, Serology
Off	Office, Officer(s)	Serv	Service(s)
01er	Olericulture, Olericulturist	Silvic	Silviculture, Silviculturist
Oper	Operation(s), Operator	Sociol	Sociologist, Sociology
Org	Organic	Spec	Special, Specialist(s)
Organ	Organization(s)	St	Saint
Ornith	Ornithologist, Ornithology	Sta(s)	Station(s)
Parasitol	Parasitologist, Parasitology	Statis	Statistical, Statistician, Sta-
Path	Pathological, Pathologist, Pa-	Duatis	tistics
1 0,011	thology	Stud	Student(s)
Pedol	Pedology		
Pers	Personnel	Subj	Subject
Pharm		Substa(s)	Substation(s)
Fnarm	Pharmaceutical, Pharmacist,	Supt	Superintendent
733	Pharmacy	Supvr	Supervisor
Pharmacol	Pharmacologist, Pharmacology	Surg	Surgery
Photog	Photographer, Photography	Surv	Surveyor
Phys	Physical, Physicist, Physics	Syst	System, Systematist
Physiol	Physiological, Fhysiologist,	Taxon	Taxonomist, Taxonomy
	Physiology	Tech	Technical, Technician(s)
Phytochem	Phytochemistry	Technol	Technologist, Technology
PO	Post Office	Tel	Telephone
Pomol	Pomological, Pomologist, Pomology	Teleg	Telegraph
Pract	Practical, Practice	Ther	Therapy
Pres	President	Toxicol	Toxicologist, Toxicology
Preserv	Preservation	Treas	Treasurer
Prev	Preventive	TV	Television
Prin	Principal	TVA	Tennessee Valley Authority
Proc	Processing	Univ	University
Prod(s)	Product(s), Production	USDA	United States Department of
Prof	Professor	ODDA	Agriculture
Pro.j	Project(s)	USDC	United States Department of
Psychol	Psychological, Psychology	0300	Commerce
Pt	Point	USDI	
Pub(s)	Publication(s)	OSDI	United States Department of the
Radiochem	Radiochemistry	USPHS	Interior
Radiol	Radiology	USPRS	United States Public Health
Reclam		774.4.3	Service
	Reclamation	Util	Utilities, Utility, Utilization
Ref	Reference	Veg	Vegetable(s), Vegetation
Reg	Registrar	Vet -	Veterinarian, Veterinary
Relat	Relations, Relationships	Virol	Virologist, Virology
Res	Research, Researcher	Vis	Visual.
Rpt(s)	Report(s)	Vitic	Viticultural, Viticulture, Viti-
RR	Railroad		culturist
Rte	Route	Vocat	Vocational
Sanit	Sanitary, Sanitation	YMW	Young Men and Women
Sch	School	Zool	Zoological, Zoologist, Zoology
Sci	Science(s), Scientific, Scien-	Zoophysiol	Zoophysiology
	tist	Zootechnol	Zootechnologist

PREFACE

The following explanations apply throughout the publication: Subject-matter workers in extension are generally shown under the respective department or division of the college.

Certain institutions use the academic title for experiment station workers as well as for personnel engaged solely as teachers.

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12E E CONN PhD Asst Prof and Asst Biochem

12C C DELWICHE PhD Assoc Prof and Assoc Biochem

12W Z HASSID PhD Prof and Biochem

Biological Control:

¹²R L DOUTT PhD Assoc Prof and Assoc Ent ²G L FINNEY Assoc Spec in Expt Sta (Biol Control)

²K S HAGEN PhD Asst Ent (Biol Control)

²⁵J K HOLLOWAY BS Spec in Expt Sta (Biol Control)

CORLIVIT,

2°C B HUFFAKER PHD Assoc Ent

2°P S MESSENGER PHD Asst Ent (Biol Control)

1°E A STEINHAUS PHD Prof and Insect Path

²YOSHINORI TANADA PhD Asst Insect Path

Economics (Agr):

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12M R BENEDICT PhD Prof and Agr Econ ²ELEANOR M BIRCH BA Asst Spec in Expt Sta (Agr Econ)

12J N BOLES PhD Asst Prof and Asst Agr Econ

²WENDELL CLAHOUN MS Spec in Expt Sta (Agr Econ)

12D A CLARKE Jr PhD Lect and Assoc Agr Econ

12N R COLLINS PhD Asst Prof and Asst Agr Econ

12VARDEN FULLER PhD Prof and Agr Econ 12J B HASSLER PhD Lect and Asst Agr Econ

12S S HOOS PhD Prof and Agr Econ

12G M KUZNETS PhD Prof and Agr Econ ²GRACE H LARSON PhD Asst Spec in Expt Sta (Agr Econ)

12 M LEE PhD Assoc Prof and Assoc Agr Econ

²J W MAMER BA Junior Spec in Expt Sta (Agr Econ)

12G L MEHREN PhD Prof and Agr Econ

²L L SAMMET BS Spec in Expt Sta (Agr Econ)

2S W SHEAR PhD Assoc Agr Econ

²S C SMITH BS Assoc Spec in Expt Sta (Agr Econ)

²G L VILES MS Asst Spec in Expt Sta (Agr Econ)

12S V WANTRUP DAgr Prof and Agr Econ

12DAVID WEEKS CE PhD Prof and Agr Econ

Entomology and Parasitology:

12E G LINSLEY PhD Prof Ent and Chmm of

Dept Berkeley and Davis

12W W ALLEN PhD Lect and Asst Ent 12P F BONHAG PhD Asst Prof and Asst Ent 12RODERICK CRAIG PhD Prof and Insect Physiol

12N W FRAZIER PhD Lect and Assoc Ent

12J H FREITAG PhD Prof and Ent

12D P FURMAN PhD Assoc Prof Parasitol and Assoc Ent

12H T GORDON PhD Lect and Assoc Insect Toxicol

12W M HOSKINS PhD Prof and Chem

12P D HURD Jr PhD Lect and Asst Ent

12D D JENSEN PhD Assoc Prof and Assoc Ent

12J W MacSWAIN PhD Asst Prof and Asst Ent 12H F MADSEN PhD Lect and Asst Ent

12A E MICHELBACHER PhD Prof and Ent

12W W MIDDLEKAUFF PhD Assoc Prof and

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¹²A D MOORE PhD Instr and Junior Ent

12A E PRITCHARD PhD Assoc Prof and Assoc Ent

'2G L SMITH MS Assoc Ent

12R F SMITH PhD Assoc Prof and Assoc Ent

12M A STEWART PhD Prof Parasitol and Ent

12E S SYLVESTER PhD Lect and Assoc Ent

12R L USINGER PhD Prof and Ent

Extension Service (Agr):

ADMINISTRATIVE:

³G B ALCORN DPA Dir

³R O MONOSMITH BS BLA State 4-H Club

Leader

JW R RALETON BS
JUCY M ALLEN MS
S A ANDERSON MS
ASST State Leader
Program Dir of Ext Educ
Asst State Leader

³LAURA C COOLEY BS State Home Adv ³HELEN L EDWARDS BS State Home Adv

³IRENE FAGIN MA Program Dir

N D HUDSON BS Asst State Leader
J J McELROY BS Program Leader (Spec proj)

³AMELIA G SANSOM MS State Home Adv

SUBJECT-MATTER SPECIALISTS:

³A D AULENBACHER BS 4-H Club Spec ³P C BARKER BS 4-H Club Spec

³L N BROWN BS Soils Spec

3 CONSTANCE B BURGESS MS Ext Econ

³B B BURLINGAME MS Farm Mgt Spec ³G A CARPENTER PhD Mktg Spec

³FRANCES E COOK MS Nutr Spec

³H M DAIL MA Inform Spec

Extension Service (Agr)---Continued

SUBJECT-MATTER SPECIALISTS-Continued

³C S DAVIS PhD Ent Spec ³R F DAVIS BS 4-H Club Spec ³J E DIBBLE MS Ext Field Technol

3ETHELWYN M DODSON BS Clothing Spec DOROTHY E DUNCAN BS 4-H Club Spec

³HILDA FAUST MA Nutr Spec ³E E GILDEN BS For Spec ³G E GORDON BS Dairy Spec

RUBY D HARRIS EdD Fam Relat and Leader

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ADENA JOY MA 4-H Club Spec

3GRACE KAMPEN BA Home Furnishing Spec 3MARGARET F KOHL MA 4-H Club Spec

³ALICE McKINNEY BS Home Furnishing Spec

3W G MARDERS MS 4-H Club Spec 3W E MARTIN PhD Soils Spec 3W E NEWLON BS Poultry Spec

3MILDRED E NOVOTNY MS Home Mgt Spec 3Mrs FRANCES R QUINN MS Clothing Spec

G RANDALL MA Vis Alds Spec
G A ROWE PhD Mktg Spec
R G RUSH BS Mktg Spec

THE RULE RESULT OF THE RESULT

3J E SWIFT BS Ent Spec 3W G WATERHOUSE BS Foreign Relat Spec

Food Technology:

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Forestry:

12H J VAUX PhD Prof For and Chmm of Dept

12A B ANDERSON PhD Lect and Biochem 12P M BARR PhD DSc Prof and Assoc For

12H H BISWELL PhD Prof and Plant Ecol 12R A COCKRELL PhD Prof and Assoc For 12R N COLWELL PhD Assoc Prof and Assoc Silvic

12F E DICKINSON PhD Prof and Dir of For Prods Lab

12E L ELLWOOD PhD Lect and Wood Technol 12R F GRAH MS Lect and Spec in Expt Sta

(For) 12H F HEADY PhD Assoc Prof and Assoc Plant Ecol

12M N PALLEY PhD Asst Prof and Asst For ²LYNN RADER BS Asst Spec in Expt Sta(For)
²A P SCHNIEWIND M Wood Technol Asst Spec

in Expt Sta (For) ²A M SCHULTZ PhD Assoc Spec in Expt Sta (For)

12E C STONE PhD Asst Prof and Asst Silvic 2EUGENE ZAVARIN Diploma vor-pruefung in Chem Asst For Prods Chem

12P J ZINKE PhD Asst Prof and Asst For

12J A ZIVNUSKA PhD Assoc Prof and Assoc

Genetics (Agr):

12J A JENKINS PhD Prof and Chmm of Dept Berkeley and Davis

12S W BROWN PhD Assoc Frof and Assoc Genet 12D R CAMERON PhD Lect and Assoc Genet

2W E CASTLE PhD LLD DSc Res Assce in Cenet

12E R DEMPSTER PhD Prof and Genet

Home Economics:

12 JESSIE V COLES PhD Prof and Home Econ 12Mrs BESSIE B COOK PhD Assoc Prof and Assoc Biochem

1 KAYE FUNK MS Assoc in Inst Mgt

Home Economics -- Continued

12HELEN L GILLUM PhD Assoc Prof and Assoc Biochem

12Mrs BARBARA K JOHNSON PhD Asst Prof and Asst Biochem

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1 AGNES C McCLELJAND MA Assoc in Home Econ

12 MARY A MORRIS PhD Asst Prof and Asst Home Econ

12 RUTH OKEY PhD Prof and Biochem

12MARY ANN WILLIAMS PhD Instr and Junior Biochem

Landscape Architecture:

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1R B LITTON Jr MLA Asst Prof

¹R J TETLOW MS Asst Prof ¹F J VIOLICH BS Prof

Plant Nematology:

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Plant Pathology:

12J W OSWALD PhD Assoc Prof and Assoc Plant Path and Vice Chmm of Dept Davis and Berkeley

12P A ARK PhD Prof and Plant Path

12M W GARDNER PhD DSc Prof and Plant Path

12A H GOLD PhD Lect and Asst Plant Path

12H N HANSEN PhD Prof and Plant Path 12R B RAABE PhD Asst Prof and Asst Plant Path

12T E RAWLINS PhD Prof and Plant Path 12D E SCHLEGEL PhD Asst Prof and Asst Plant Path

12W C SNYDER PhD Prof and Plant Path

12W N TAKAHASHI PhD Assoc Prof and Assoc Plant Path

12H E THOMAS PhD Prof and Plant Path ²C M TOMPKINS PhD Assoc Plant Path 12STEPHEN WILHELM PhD Assoc Prof and Assoc

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Poultry Husbandry:

12SAMUEL LEPKOVSKY PhD Prof and Nutr 12I M LERNER PhD Prof and Genet 2DOROTHY C LOWRY MA Asst Spec in Expt Sta

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12L W TAYLOR PhD Prof and Poultry Husb

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12 ISAAC BARSHAD PhD Lect and Assoc Soil Chem 2E L BEGG BS Asst Spec in Expt Sta (Soils

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Phys ¹²T C BROYER BS Lect and Plant Physiol

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12P R DAY PhD Assoc Prof and Assoc Soil Phys

2K D GOWANS BS Asst Spec in Expt Sta (Soils and Plant Nutr)

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12F F HARRADINE PhD Assoc Prof and Assoc Soil Technol

Soils and Plant Nutrition--Continued

- ²G L HUNTINGTON BS Asst Spec in Expt Sta (Soils and Plant Nutr)
- 12LOUIS JACOBSON PhD Assoc Prof and Assoc Plant Physiol
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- 12ROY OVERSTREET PhD Prof and Soil Chem 2ESTHER P PERRY PhD Assoc Spec in Expt Sta (Soils and Plant Nutr)
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 2 JAMES VLAMIS PRO ABSOC SOIL Chem
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- 12H M LAUDE PhD Assoc Prof and Assoc Agron 12R S LOOMIS PhD Instr and Junior Agron 12R M LOVE PhD Prof and Agron
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- Agron
 12F L SMITH PhD Prof and Agron
- 12E H STANFORD PhD Assoc Prof and Assoc Agron
- 12D C SUMMER BS Lect and Assoc Spec in Expt Sta (Agron)
- 25 C A SUNESON MS Assoc in Expt Sta (Agron)
- 12W A WILLIAMS PhD Asst Prof and Asst Agron
- 12F P ZSCHEILE Jr PhD Prof and Biochem

Animal Husbandry:

- 12H H COLE PhD Prof Anim Husb and Chmn of Dept
- 12J M BODA PhD Asst Prof and Asst Anim Hugh
- 12F D CARROLL PhD Asst Prof and Asst Anim Hush
- 12M T CLEGG PhD Asst Prof and Asst Arim Husb
- 12P T CUPPS PhD Assoc Prof and Assoc Anim Husb
- 12HAROLD GOSS PhD Prof and Anim Husb 12P W GREGORY DSc Prof and Anim Husb 12HUBERT HEITMAN Jr PhD Assoc Prof and
- Assoc Anim Husb
- 12C E HOWELL MS Prof and Anim Husb ²J L HULL BS Asst Spec in Expt Sta (Anim

Animal Husbandry--Continued

- ²N R ITTNER BS Spec in Expt Sta (Anim Husb) (PO El Centro)
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- 12R C LABEN PhD Asst Prof and Asst Anim Husb
- 12G P LOFGREEN PhD Assoc Prof and Assoc Anim Husb
- 12S W MEAD MS Prof and Anim Husb
- 12J H MEYER PhD Asst Prof and Asst Anim Husb
- ²D F RAHLMANN Asst Spec in Expt Sta (Anim Husb)
- 12W C ROLLINS PhD Assoc Prof and Assoc Anim Husb
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- (Anim Husb) (PO Hopland)
- ²K A WAGNON BS Assoc Spec in Expt Sta (Anim Husb) (PO O'Neals) 12W C WEIR PhD Assoc Prof and Assoc Anim
- Husb 12F J WILSON MA LLD Prof and Anim Husb

- Bacteriology: 12M P STARR PhD Assoc Prof and Chum of Dept
 - 12A G MARR PhD Asst Prof and Asst Bact 12D M REYNOLDS PhD Assoc Prof and Assoc

- Botany:

 12V I CHEADLE PhD Prof Bot and Chun of Dept
 - ²F M ASHTON PhD Junior Bot
 - 12A S CRAFTS PhD Prof and Bot 12H B CURRIER PhD Assoc Prof and Assoc Bot
 - 12KATHERINE ESAU PhD Prof and Bot 12E M GIFFORD Jr PhD Asst Prof and Asst
 - Bot

 - ²O A LEONARD PhD Assoc Bot ¹ ² JACK MAJOR PhD Asst Prof and Asst Bot 12C R STOCKING PhD Assoc Prof and Assoc
 - Bot 12J M TUCKER PhD Asst Frof and Asst Bot 12T E WEIER PhD Prof and Bot

 - ²J A WILKERSON MS Asst Spec in Expt Sta (Bot)

- Chemistry:
 12H G REIBER PhD Prof Chem and Chmn of Dept
 - 12L J ANDREWS PhD Assoc Prof and Assoc Cnem
- 12R K BRINTON PhD Assoc Prof and Assoc Chem
- 12R M KEEFER PhD Prof and Chem
- 12R E KEPNER PhD Assoc Prof and Assoc Chem
- 12E P PAINTER PhD Prof and Blochem 12D H VOLMAN PhD Prof and Chem
- 12H A YOUNG PhD Prof and Chem

Dairy Industry:

- 12E L JACK PhD Prof Dairy Technol and Chmn of Dept
 - ²F H ABBOTT BS Assoc Spec in Expt Sta (Dairy Indus)
- 12E B COLLINS PhD Asst Prof and Asst Dairy Bact.
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 1B E HUBBELL Jr BS Lect
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¹S S SUTHERLAND MS Prof and Chmm of Dept ¹D F HARDER EdD Asst Prof

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12S A HART PhD Asst Prof and Asst Agr Engin

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12C F KELLY MS Prof and Agr Engin 12R A KEPNER BS Prof and Agr Engin 12L H LAMOURIA MS Asst Prof and Asst Agr

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12A S LEONARD MS Lect and Spec in Expt Sta (Agr Engin)

12H D LEWIS BS Assoc in Agr Engin and Assoc Spec in Expt Sta

12 COBY LORENZEN Jr MS Prof and Agr Engin 12A A McKILLOP MS Asst Prof and Asst Agr Engin

12L W NEUBAUER PhD Assoc Prof and Assoc

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12J B POWERS BS Lect and Agr Engin

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(Ent)

12J E ECKERT PhD Prof and Apic

Entomology and Parasitology--Continued

12H H LAIDLAW Jr PhD Assoc Prof and Assoc Apic

12W H LANGE Jr PhD Assoc Prof and Assoc Ent

²N F McCALLEY BS Asst Spec in Expt Sta (Ent)

12L M SMITH PhD Prof and Ent

12E M STAFFORD PhD Assoc Prof and Assoc Ent

12F M SUMMERS PhD Assoc Prof and Assoc Ent

Extension Service (Agr):

³J P FAIRBANK BS Asst State Leader ³REUBEN ALBAUGH BS Anim Husb Spec ³D C ALDERMAN PhD Pomol Spec

³L J BERRY BS Range Impr Spec

³L J BOOHER CE Irrig Spec ³R G CURLEY BS Agr Engin Spec

3R T EDWARDS BS Ext Field Technol

³G F HAFER BS Inform Spec
 ³A D HAIG PhD Ext Field Technol

3D H HALL MS Plant Path Spec

SW A HARVEY MS Weed Control Spec
SW M HERMS BS Farm Adv State Off Pub Serv

3F J HILLS MS Asst State Leader

3MARVIN HOOVER BS Cotton Spec (PO Shafter) ³C E HOUSTON BS Irrig and Drain Spec

³A N KASIMATIS BS Vitic Spec

³R F KASMIRE BS Veg Mktg ³TORREY LYONS BS Veg Crops Spec

3W B McHENRY BS Ext Field Technol

³K G McKAY MS DVM Vet Sci Spec
³M D MILLER BS Agron Spec

3H J O'REILLY PhD Plant Path Spec

³V P OSTERLI BS Agron Spec

³R R PARKS MA Agr Engin Spec

³P S PARSONS MS Farm Mgt Spec

³R C PEARL BS Agron Spec

C L PELLISSIER MS Dairy Spec

J T PETERSON MA Farm Adv State Off

REED PhD Farm Mgt Spec 3H B RICHARDSON MS Mktg Spec (Fruits

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³A D RIZZI BS Pomol Spec

3A S ROSENWALD MS DVM Poultry Path Spec

³W L SIMS PhD Veg Crops Spec ³H T STRONG BS Anim Husb Spec

Farm Practice:

²G F HANNA BS Asst Spec in Expt Sta (Farm Pract)

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Food Technology: ^{12}E M MRAK PhD Prof and Chmm of Dept Davis and Berkeley

12C O CHICHESTER PhD Asst Prof and Asst Food Technol

²S J LEONARD BS Assoc Food Technol

²B S LUH PhD Junior Food Technol ¹²G L MARSH MS Prof and Food Technol

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12CLARENCE STERLING PhD Assoc Prof and Assoc Food Technol

12A L TAPPEL PhD Asst Prof and Asst Food Technol

12R H VAUGHN PhD Prof and Food Technol

12J R WHITAKER PhD Instr and Junior Food Technol

²G K YORK II BA Junior Spec in Expt Sta (Food Technol)

Genetics:

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12GLADYS J EVERSON PhD Prof Home Econ and Chmn of Dept

12R D CRAMER MFA Asst Prof and Asst Arch 1RUBY L DRYDEN MA Lect

12MARILYN DUNSING PhD Asst Prof and Asst Home Econ

1 DORIS F HEINEMAN BAE Lect

¹VIRGINIA B G KAY MA Asst Prof

12PAULINE C PAUL PhD Assoc Prof and Assoc Home Econ

12T M POFFENBERGER EdD Asst Prof and Asst Home Econ

12HELEN J SOUDERS PhD Asst Prof and Asst Biochem

Irrigation:

2R M HAGAN PhD Assoc Prof and Assoc Irrig and Chmn of Dept

²P A BOVING MS Asst Spec in Expt Sta (Irrig)

12R H BURGY MS Asst Prof and Asst Irrig Engin

12L D DONEEN PhD Prof and Irrig

12W A HALL PhD Asst Prof and Asst Irrig Engin

12D W HENDERSON PhD Asst Prof and Asst Irrig

1W A HUTCHINS LLB Lect

12J N LUTHIN PhD Assoc Prof and Assoc Irrig

12J C MARR AE Lect and Spec in Expt Sta (Irrig)

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12V H SCOTT MS Assoc Prof and Assoc Irrig Engin

²J R STOCKTON BS Asst Spec in Expt Sta (Irrig)

²B D van't WOUDAT PhD Asst Spec in Expt Sta (Irrig)

Landscape Management:

¹R D DANIELSON BS Actg Asst Prof ¹²R B DEERING PhD Asst Prof and Asst Hort ¹²J H MADISON Jr PhD Instr and Junior Hort

Mathematics:

12E B ROESSLER PhD Prof Statis and Chmn of Dept

12G A BAKER PhD Prof and Statis

12C M FULTON PhD Assoc Prof and Assoc Math

Physics:

12C G PATTEN PhD Assoc Prof and Assoc Phys and Chimn of Dept

12M E GARDNER PhD Assoc Prof and Assoc Phys

Plant Nematology:

12D J RASKI PhD Lect and Assoc Nematol and Chmn of Dept Davis Berkeley and Riverside

²BERT LEAR PhD Asst Nematol

²B F LOWNSBERY PhD Asst Nematol

Plant Pathology:

12J B KENDRICK Sr PhD Prof Plant Path and Chmn of Dept Davis and Berkeley

²E E BUTLER PhD Junior Plant Path ¹²W H ENGLISH PhD Prof and Plant Path

12R G GROGAN PhD Assoc Prof and Assoc Plant Path

12P M HALISKY BS Actg Instr and Actg Junior Plant Path

12W B HEWITT PhD Prof and Plant Path

12B R HOUSTON PhD Prof and Plant Path

12L D LEACH PhD Prof and Plant Path

Plant Pathology -- Continued

12GEORGE NYLAND PhD Assoc Prof and Assoc Plant Path

12_J M OGAWA PhD Lect and Junior Plant Path
12_E E WILSON PhD Prof and Plant Path

Pomology:

120 O HESSE PhD Prof Pomol and Chmn of Dept

12MURIEL V BRADLEY PhD Lect and Asst Pomol 12R S BRINGHURST PhD Asst Prof and Asst Pomol.

12R M BROOKS PhD Prof and Pomol.

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12L L CLAYPOOL PhD Prof and Pomol

12J C CRANE PhD Assoc Prof and Assoc Pomol 12L D DAVIS PhD Prof and Pomol 2A E GIIMORE MS Assoc Spec in Expt Sta

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12W H GRIGGS PhD Assoc Prof and Assoc Pomol

12C J HANSEN MS Prof and Pomol 12R W HARRIS PhD Asst Prof and Asst Pomol

12H T HARTMANN PhD Assoc Prof and Assoc Pomol

12D E KESTER PhD Asst Prof and Asst Pomol 12OMUND LILLELAND PhD Lect and Pomol 12E & MAXIE PhD Lect and Asst Pomol

1-2E I PROEBSTING PhD Prof and Pomol
1-2E I PROEBSTING PhD Prof and Pomol
2-KAY RYUGO PhD Asst Pomol
1-2E F SERR Jr BS Lect and Pomol
2-N F SOMMER PhD Asst Pomol
2-KTYCTO URIU PhD Asst Pomol
2-VICTOR VOTH BS Assoc Spec in Expt Sta (Pomol)

Poultry Husbandry:

12G F STEWART PhD Prof Blochem and Chmn of Dept Davis and Berkeley

12URSULA H ABBOTT PhD Instr and Junior Poultry Genet 12H J ABPLANALP PhD Asst Prof and Asst

Poultry Genet 12V S ASMUNDSON PhD Prof and Poultry Husb

12C R GRAU PhD Assoc Prof and Assoc Poultry Nutr

12F H KRATZER PhD Prof and Poultry Nutr 12F W LORENZ PhD Prof and Poultry Physiol

12D W PETERSON PhD Asst Prof and Asst Biochem

12A H SMITH PhD Assoc Prof and Assoc Poultry Physicl
1.2W O WILSON PhD Assoc Prof and Assoc

Poultry Physiol

Range Management Investigations:

²B L KAY BS Asst Spec in Expt Sta (Agron) ²J E STREET MSF Assoc Spec in Expt Sta (Agron)

²C F WALKER BS Asst Spec in Expt Sta (Agron)

Soils and Piant Nutrition:

12D G ALDRICH Jr PhD Prof Soils Chem and Chmn of Dept Davis and Berkeley

12F E BROADBENT PhD Assoc Prof Soil Microbiol and Assoc Soil Microbiol

12A L BROWN PhD Lect and Assoc Spec in Expt Sta

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12L E DAVIS PhD Prof and Soil Chem

²J J JURINAK PhD Junior Soil Chem 12T R NIELSEN PhD Asst Prof and Asst Soil

Chem 12V V RENDIG PhD Asst Prof and Asst Soil

Chem

12J A VOMCCIL PhD Asst Prof Soil Phys and Asst Soil Phys

Vegetable Crops:

12J E KNOTT PhD DSc Prof Plant Physiol and Chmm of Dept

²J C BISHOP MS Assoc Spec in Expt Sta (Veg Crops)

²R I CRANE BS Junior Spec in Expt Sta

(Veg Crops)

12G N DAVIS PhD Prof and Oler
12G C HANNA BS Lect and Oler

12J F HARRINGTON PhD Assoc Prof and Assoc Oler

12J C LINGLE PhD Asst Prof and Asst Oler

12J H MacGILLIVRAY PhD Prof and Oler 12L K MANN PhD Assoc Prof and Assoc Oler

12L L MORRIS PhD Assoc Prof and Assoc Oler

12H K PRATT PhD Assoc Prof and Assoc Plant Physiol |

²LAWRENCE RAPPAPORT PhD Junior Oler 12C M RICK Jr PhD Prof and Genet

112P G SMITH PhD Assoc Prof and Assoc Oler 12A R SPURR PhD Asst Prof and Asst Oler

²HERMAN TIMM PhD Junior Oler 12J E WELCH PhD Lect and Assoc Oler

12MASATOSHI YAMAGUCHI PhD Lect and Asst Oler ²F W ZINK Jr MS Assoc Spec in Expt Sta

Veterinary Science:

(Veg Crops)

12D E JASPER DVM PhD Prof Vet and Chmn of Dept

12H E ADLER DVM Asst Prof Vet Med and Asst

12A C ASBURY DVM Lect and Asst Spec in Expt Sta

12N F BAKER DVM Asst Prof Parasitol and Asst Parasitol

12R A BANKOWSKI DVM PhD Assoc Prof and Assoc Vet

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- 20 C TAYLOR PhD Asst Hort (Citrus Grove Rejuvenation)
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Agronomy--Continued

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 - 4W E CONNELL MS Prof and Anim Husb
- 12F C DAUGHERTY MS Assoc Prof and Assoc Anim Hush
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Animal Industry--Continued

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¹H K HAGAN PhD Asst Prof For Recreation and Wildlife 12D F HERVEY PhD Assoc Prof Range Mgt and

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15L E YEAGER PhD Prof Game Mgt (Coop USDI)

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12 INEZ HARRILL PhD Asst Prof and Asst Home Econ

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2G W WASSOM BS Assoc Farm Crops
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2S C WIGGANS PhD Asst Prof Farm Crops
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IOWA Botany and Plant Pathology--Continued Economics (Agr) and Sociology (Rural) --[⊥]F E LIND PhD Asst Prof Bot and Plant Continued 3L G KRAL BS Assoc Agr Econ ³F A KUTISH MS Prof Agr Econ ²³G M LADD PhD Asst Prof Agr Econ Path ⁴W E LOOMIS PhD Prof Bot and Plant Path ¹²H S McNABB PhD Assoc Prof Bot and Plant ³L D LOFTSGARD BS Assoc Agr Econ Path 12W R MAXI PhD Asst Prof Agr Econ 3C C MAIONE BS Prof Agr Econ 12W G MURRAY PhD Prof Agr Econ 125H C MURPHY PhD Prof Bot and Plant Path 12R W POHL PhD Prof Bot and Plant Path 4C S REDDY PhD Prof Bot and Plant Path ¹P F ROMBERG PhD Assoc Prof Bot and Plant 3W E OGG PhD Prof Agr Econ ²³RICHARD PHILLIPS PhD Assoc Prof Agr Econ Path 12J E SASS PhD Prof Bot and Plant Path 123FRANK ROBOTKA MS Prof Agr Econ ²E M ROGERS MS Assoc Rural Sociol ¹²J T SCOTT MS Assoc Agr Econ 3SIGMUND SEAMAN MS Assoc Bot and Plant 12G S SHEPHERD PhD Prof Agr Econ ³M C SHURTLEFF PhD Asst Prof Bot and 3W H STACY PhD Assoc Prof Rural Sociol 3E G STONEBERG MS Asst Prof Agr 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²JANICE STADLER PhD Asst Prof Genet

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- 1 JANE SADDLER MS Assoc Prof Textiles and Clothing
- 1 JEAN SELBY MS Asst Prof Home Econ Educ ¹OLIVE SETTLES BS Assoc Prof Textiles and Clothing
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- ¹T F VANCE PhD Prof Child Devlpmt ¹HELEN VAN ZANTE PhD Asst Prof Household Equip
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- ²³C C DOLL MS Asst Prof Pomol (PO Council Bluffs)
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- 12K W JOHNSON PhD Asst Prof Veg Crops
- 25A E KEHR PhD Prof Veg Crops 2H L LANTZ MS Assoc Prof Pomol
- 12J P MAHLSTEDE PhD Assoc Prof Hort

- THE NICHOLS MS Prof Hort

 23L E PETERSON BS Assoc Veg Crops (PO Fruitland)
- 12B S PICKETT MS Prof Pomol 23C H SHERWOOD MS Asst Prof Flor
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Botany and Plant Pathology--Continued

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69 MTCHTGAN Poultry Husbandry: Horticulture--Continued ²⁴R F CARLSON PhD Assoc Prof ¹²R L CAROLUS PhD Prof ¹H C ZINDEL EdD Head of Dept 12L R CHAMPION PhD Assoc Prof 12T N COLEMAN PhD Asst Prof 12J A DAVIDSON BS Prof 12L E DAWSON PhD Assoc Prof 1E H FARMER BS Tech ²J A COOK PhD Asst Prof 1HAROLD DAVIDSON MS Instr 12D H DEWEY PhD Assoc Prof 2J D DOWNES PhD Asst Prof 1F W FREEMAN MS Hort ³H E HATHAWAY MS Asst Prof PHE HATHAWAY MS ASSU FFOI 12E W HENDERSON PhD ASSU PROF 3J M MOORE MS PROF 3D D MOYER BS ASSU PROF 2C W POPE MS Tech 12P J SCHAIBLE PhD PROF 2H P GASTON MS Asst Prof 12C L HAMNER PhD Prof 12W J HAMEY PhD Assoc Prof ²SHIGEMI HONMA PhD Asst Prof ³H D HOOTMAN Assoc Prof ²H F TRAVIS MS Tech ²STANLEY JOHNSTON MS Prof 12A L KENWORTHY PhD Prof 1G M KESSLER PhD Asst Prof Radio: 13P R KRONE BS Prof 13R J COLEMAN BA BM Head of Dept and Radio ³R P LARSEN PhD Asst Prof Dir (WKAR) 12R S LINDSTROM PhD Asst Prof ²W G LONG PhD Asst Prof ¹²E H LUCAS PhD Prof Resource Development: 12F W SUGGITT MPA Assoc Prof and Head of ²F J McARDLE PhD Asst Prof Dept 12A E MITCHELL PhD Prof ³P M BARRETT BS Assoc Prof ³W S HARRISON BS Asst Prof ²J E MOULTON PhD Assoc Prof ²E H NEW MS Instr ³R G HILL MS Assoc Prof ¹C R HUMPHRYS PhD Assoc Prof ¹F L O'ROURKE MS Asst Prof ²C E PETERSON PhD Assoc Prof 3W F JEWELL MS Asst Prof 12A T WILCOX PhD Assoc Prof ²³S K RIES PhD Asst Prof ¹E P ROBERTS MS Instr 12W F ROBERTSON MS Assoc Prof 13C E RUSSELL MS Assoc Prof 12R F STINSON PhD Asst Prof 2F G TEUBNER PhD Asst Prof Short Courses: ¹R W TENNY BS Dir ¹M L BAILEY MS Asst Prof Agr Engin Short Course (Farm Equip Serv and Sales) ²WALTER TOENJES MS Asst Prof ²L J TOLLE MS Instr ³J A TUUK Mktg Adv ¹²D P WATSON PhD Prof 1HAROLD DAVIDSON MS Instr Hort Short Course (Nursery and Landsc Mgt) ¹R E DENNIS MS Instr Short Course (Gen 2F B WIDMOYER Jr PhD Asst Prof 1C E WILDON PhD Prof 12S H WITTWER PhD Prof Agr) 1 G G GREENLEAF MS Instr Short Course (Elevator and Farm Supply) 1C C HOYT MS Instr Short Course (Gen Agr) Hotel Administration: ¹V C LARSON EdD Asst Prof Short Course 23C A GUNN MS Assoc Prof (Gen Agr) 23GLADYS E KNIGHT MS Asst Prof 1J OLMSTEAD BS Instr Short Course (Gen ³R W McINTOSH MS Assoc Prof Agr) 1E P ROBERTS MS Instr Hort Short Course Information Services: W L TREASTER BS Prof and Head of Dept (Com Flor) ¹D H SHEPARD MS Asst Prof and Vocat Supvr of Short Course (Gen Agr) ²MARK ALLEN BS Res Pubs ³ROSEMARY BLACKBURN BS Inform Spec Home Econ BARBARA BROWN Artist PHILIP COLEMAN MS Expt Sta Photog Sociology and Anthropology: ¹²C P LOOMIS PhD Prof and Head of Dept ¹R N ADAMS PhD Assoc Prof Sociol and 23J C EVANS BS Agr Rpts Ed 23R L HAMILTON MS Asst Agr Ed Anthrop 23N W KUNKEL MA Bul Distrib Supvr 23J W ARTIS PhD Asst Prof Sociol and 3MARGARET McKEEGAN MS TV Ed Home Econ Anthrop ³D I NELSON BS Vis Aids Spec 12J A BEGGLE PhD Prof Sociol 1W B BROOKOVER PhD Prof Sociol and Anthrop 1W H FORM PhD Prof Sociol and Anthrop ²³A C ORR BA Asst Agr Ed ³E C RICHARDSON MS Assoc Prof and Ext Ed ³E C SHAFFER BS Pubs Ed ³R P WORRALL MS TV Ed ¹D L GIBSON PhD Prof Sociol ¹²A O HALLER PhD Assoc Prof Sociol and Anthrop Landscape Architecture and Urban Planning: 12C R HOFFER PhD Prof Sociol 1H W LAUTNER MCP Prof and Head of Dept 1 IWAO ISHINO PhD Asst Prof Sociol and and Campus Landsc Arch Anthrop 23E O MOE PhD Prof ¹MILTON BARON MLA Assoc Prof Landsc Arch and Asst Campus Landsc Arch and Asst Campus Landsc Arrol C W BARR MCP Prof Urban Planning M BOTLAN MCP Assoc Prof Urban Planning H A BREEN MLA Asst Prof Landsc Arch A D CAVEN MLA Asst Prof Landsc Arch G S GERLACH MLD Assoc Prof Landsc Arch ¹J J PREISS PhD Asst Prof Sociol and Anthrop ³JULIAN SAMORA PhD Asst Prof ¹L F SCHNORE Asst Prof Sociol and Anthrop 12JOEL SMITH PhD Asst Prof Sociol 10 C SMUCKER PhD Assoc Prof

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3W B HARBOUR BS Asst Ext Agr Engin 3F M HUNTER BS Ext Rural Elec Spec 2T N JONES MSAE Agr Engin

12E A KIMBROUGH Jr MS Asst Prof and Asst

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12J C McWHORTER MS Assoc Prof and Assoc Agr Engin ³W C MASSEY BS Asst Ext Agr Engin

25C K MUTCHLER MS Agr Engin 2E F RATLIFF BS Asst Agr Engin

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3W A COX BS Chief Clk

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124G L SWITZER MF Asst Prof and Asst For

3J S THERRELL MS Leader of Ext For

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Economics (Agr):

120 R JOHNSON MA Prof and Chmm of Dept Entomology: 30 E ALLEN BS Ext Assoc Prof Agr Econ 12P C STON

Economics (Agr)--Continued

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23G I BANK BA Asst Agr Ed

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12R A SCH

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12H D BOWEN PhD Assoc Prof 12H D BOWEN PhD Assoc Prof 12E S COATES BS Ext Spec 2J W DICKENS MS Res Instr 15E G DICEKER MS Res Assoc Prof 12E D DICEKER MS Res Assoc Prof

³H M ELLIS BS Spec in Chg of Agr Engin Ext

Engineering (Agr) -- Continued

- ³J C FERGUSON BS Ext Spec
- ²J M FORE MS Assoc Prof
- 12T H GARNER MS Instr 3J W GLOVER BS Ext Spec
- 12F J HASSLER PhD Prof 1E L HOWELL MEd Asst Prof 2W H JOHNSON MS Res Instr
- ²W T MILLS BS Res Instr
- 12B F PARKER PhD Asst Prof
- ³R M RITCHIE Jr BS Ext Spec ²W E SPLINTER MS Res Assoc Prof
- ²C W SUGGS BS Res Instr
- 25 JAN van SCHILFGAARDE PhD Res Asst Prof ³W C WARRICK BS Ext Spec
- 12J W WEAVER Jr BS Prof
- ²N W WELDON BS Res Asst Prof (PO Oxford)

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Entomology -- See Biological Sciences, Division of.

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- ³D S WEAVER MS Dir
- ³C B RATCHFORD PhD Asst Dir
- ³R W SHOFFNER BS Asst Dir
- RUTH A CURRENT BS State Home Demon Agt
 ANAMERLE ARANT MS Dist Home Demon Agt
- ³W B COLLINS BS Dist Farm Agt ³FLORENCE T COX MA Dist Home Demon Agt
- ³ROWENA DAKIN Admin Asst

- MARY E HORLOWELL BS Dist Farm Agt
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 - ³G L CARTER Jr BS Asst Club Leader (PO Asheville)
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- ³L B DIXON BS Asst Club Leader ³D F HOLLER BS Asst Club Leader
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HOME ECONOMICS:

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Extension Service--Continued

HOME ECONOMICS -- Continued

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PROGRAM PLANNING:

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- 12W M LEWIS MS Instr
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 - 4G K MIDDLETON PhD Prof
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⁶Research Stations--Continued

Hort Crops Res Sta PO Castle Hayne--²J M JENKINS Jr PhD Supt and Res Prof Lower Coastal Plain Tobacco Res Sta PO Greenville--

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Mt Hort Crops Res Sta PO Fletcher-F B BOYETTE BS Supt

Mt Res Sta PO Waynesville--6M R WHISENHUNT BS Supt

⁵J R EDWARDS BS Dairy Supvr Oxford Tobacco Res Sta PO Oxford
56 J M CARR BS Supt

Peanut Belt Res Sta PO Lewiston
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⁶Research Stations--Continued

Piedmont Res Sta PO Salisbury--⁶J W HENDRICKS MAgr Supt

Sandhills Res Sta PO Jackson Springs --²C S BLACK MS Supt

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Upper Coastal Plain Res Sta PO Rocky Mount--

6W H BAILEY BS Supt

Upper Mt Res Sta PO Laurel Springs-⁶D F TUGMAN BS Supt

³R E JONES MS Dir of Agr Ext Agts ³Mrs MINNIE M BROWN MS Asst State Home

3W C COOPER MS Asst State 4-H Club

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1 E S CARR BS Asst Prof Agr Engin
T W FLOWERS MS Hort Spec
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3S J HODGES Agron Spec

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Home Economics:

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Home Mgt Spec

Textiles

Club Leader ³J W JEFFERIES BS Ext Dist Agt

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Animal Industry:

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1 TATMAGE BREWER MS Asst Prof Anim Husb

³C L DAVIS MS Poultry Spec ¹J E GRIER MS Asst Prof Anim Husb

1J W KEARNEY MS Asst Prof Dairy Mfg
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¹Mrs WILMA SCARLETTE MS Asst Prof Biol ¹J A WILLIAMS MS Instr Biol

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¹JAMES PENDERGRAST MS Assoc Prof Chem ¹⁴Mrs GLADYS ROYAL PhD Assoc Prof Chem

¹B T WHITE PhD Prof Chem
¹W G WRIGHT MS Asst Prof Chem

Economics (Agr):

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Education (Agr) -- Continued

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³B J BERNTSON BS Dist Supvr

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Educ ¹ETHEL FLATEN MS Instr Foods and Nutr

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Home Economics--Continued

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¹ELVIRA T SMITH MS Prof and Chmn of Dept of Foods and Nutr

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²F W SCHROER MS Asst Soil Sci ¹²G S SMITH PhD Deen of Grad Sch and Prin Plant Breeder

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Plant Industry--Continued

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²T J CONLON MS Asst Agron

²L H LANGFORD MA Asst Anim Husb

Edgeley-²M C WHITE BS Supt

Hettinger-- ²L O WILLIAMSON MS Supt

Langdon-²VICTOR STURLAUGSON Supt Minot (North Central) --²G N GEISZLER MS Supt

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¹College staff ³Extension staff ⁶See also experiment station staff

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16W R KRILL BS DVM Dean of Col of Vet Med

16T S SUTTON PhD Asst Dean of Col of Agr

1C S HUTCHISON MA Asst Dean of Col of Agr

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16S R ANDERSON PhD Asst Prof 6M A BACHTELL BS Assoc Prof

6E E BARNES PhD Asst Prof

Agronomy--Continued

³S W BONE Instr ¹C A DAMBACH PhD Prof and Dir of Natural Resources

⁶R R DAVIS PhD Assoc Prof

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²H R McMAHON Mgr

Madison County Expt Farm PO London --

²H W ROGERS BS Instr Mahoning County Expt Farm PO Canfield-C A MORRISON Mgr Muck Crops Substa PO Willard-

²E H POSTEMA Mgr

North Central Substa PO Vickery--²R L EBY BS Mgr

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Southeastern Substa PO Carpenter--²J P HAMILL BS Mgr

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Panhandle Expt Sta PO Gcodwell--

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 Young A M 36c

 Wood L S 121b
 Worthigen R F 45a
 Young D F 76b

 Wood M 122b
 Worthigen R F 45a
 Young D F 76b

 Wood M 22b
 Worthigen R F 45a
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 Wright C E 94b
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 Wood T C 137a
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 Woodson B R 149a
 Yang H Y 116e
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 Woodward K G 117b
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 Yates V J 125a
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Woolley D G 44a Woolley T A 19b Woolley T A 19b Wooten A B 138a Wooten O B Jr 77b Word U G Jr 8a Worden P W 133b

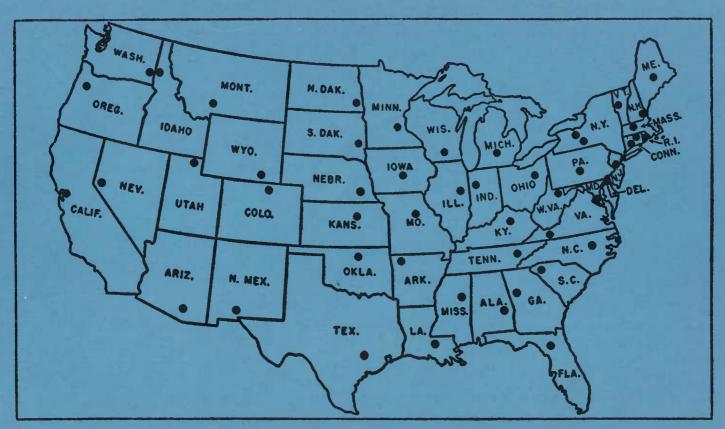
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Zehner C E 156a
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